

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

MATERIAL SAFETY DATA SHEET

THOMPSON'S® HOUSE WASH CONCENTRATE

The Thompson-Minwax Company
THE THOMPSON'S COMPANY Division
825 Crossover Lane
Memphis, TN 38117 U.S.A.
Product Information (8-4:30 CT):
The Thompson's Company 1-800-367-6297

Medical Emergencies (24 Hr.)

Hazard Information Service™

1-800-228-5635 Ext. 218

(612) 221-3999 Ext. 218

Transportation Emergencies (24 Hr.)

CHEMTREC* 1-800-424-9300

*CHEMTREC is a trademark of the Chemical Manufacturers Association

SECTION 1 - PRODUCT IDENTIFICATION

Product: **THOMPSON'S® HOUSE WASH CONCENTRATE**

UPC CODES

32053 92500;32053 92501

FORMULA NUMBER

M050993

This Material Safety Data Sheet (MSDS) contains toxicology, industrial hygiene, and environmental information for your employees. Please make sure they are provided with this information. It also contains information to assist with meeting community right-to-know and emergency response reporting requirements under SARA Title III and other laws. If you resell this product, provide the buyer with this MSDS or incorporate this information into a new MSDS. Disregard any previous edition of this MSDS. This MSDS was prepared according to the OSHA Hazard Communication Standard (29 CFR §1910.1200) and the ANSI MSDS Standard (ANSI Z400.1) by **HAZARD INFORMATION SERVICES™**, 8100 34th Ave. South, P.O. Box 1309, Mpls, MN 55440-1309.

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

| Name (CAS #) | Wt. % | Exposure Limits | References |
|---------------------------------|--------|-----------------|------------|
| Sodium Metasilicate (6834-92-0) | 5 - 10 | NDA | |

SECTION 3: HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE AND ODOR: Colorless, turbid, odorless, mobile liquid

STATEMENT OF HAZARD: **DANGER!**

ACUTE HAZARDS

- Corrosive to skin and eyes (Note: product diluted through applicator is not corrosive to skin and eyes)
- Harmful if swallowed

CHRONIC HAZARDS

- None expected

NFPA RATING: Health - 3

Flammability - 0

Reactivity - 0

Special - NDA

HMIS RATING: Health - 3

Flammability - 0

Reactivity - 0

Protective Equipment - B

NFPA and HMIS ratings are assigned by **HAZARD INFORMATION SERVICES™** based on criteria published by the National Fire Protection Association and the National Paint & Coatings Association respectively, and should only be interpreted by persons trained in these rating systems.

1993 DOT Emergency Response Guide Book: NA

SECTION 3: HAZARD IDENTIFICATION (Continued)

ROUTES OF ENTRY:

- Inhalation
- Eye contact
- Skin contact
- Ingestion

POTENTIAL HEALTH EFFECTS:

ACUTE EFFECTS

Local Effects (eyes, skin, nose, throat, stomach, etc.)

- Corrosive to skin and eyes
- Ingestion may cause burns to the mouth, throat and stomach

Systemic Effects

- No adverse effects are expected

SUB-CHRONIC EFFECTS

- No adverse effects expected

NON-CARCINOGENIC CHRONIC EFFECTS

- None expected

REPRODUCTIVE OR DEVELOPMENTAL EFFECTS

- This product is in compliance with the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986

CANCER

- This product conforms to 29 CFR §1910.1200(g)(2)(vii)
- This product conforms to California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

POSSIBLE TARGET ORGANS

- Skin
- Eyes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

- Skin disorders
- Eyes disorders

SECTION 4: FIRST AID

For Assistance With Medical Emergencies Contact *Hazard Information Services*SM
At 1-800-228-5635 Ext-218 Or (612) 221-3999 Ext-218, 24 Hours-A-Day

EYE CONTACT

- Immediately flush with plenty of water
- Remove contact lenses and continue flushing for at least 15 minutes
- Seek medical attention

SKIN CONTACT

- Remove contaminated clothing
- Flush affected area with water, then wash thoroughly with mild soap and water
- Seek medical attention if irritation develops and persists

INGESTION

- Wipe out mouth and give small sips of water
- Do NOT induce vomiting
- Contact physician or poison control center immediately

INHALATION

- Remove to fresh air immediately
- Seek medical attention if breathing difficulty develops

NOTES TO PHYSICIANS

- Contact *HAZARD INFORMATION SERVICES*SM for assistance with the management of exposures to this product

SECTION 5: FIRE FIGHTING MEASURES

Flash point and Method:

NA

SECTION 5: FIRE FIGHTING MEASURES (Continued)

Flammable Limits: NA
Autoignition Temperature: NA

GENERAL HAZARD

- Product is not likely to contribute to a fire hazard

EXTINGUISHING MEDIA

- Use material compatible with other burning material

FIRE FIGHTING INSTRUCTIONS

- Wear appropriate protective clothing
- Use self-contained breathing apparatus
- Use appropriate water spray pattern compatible with other burning materials

HAZARDOUS COMBUSTION PRODUCTS

- Carbon monoxide
- Carbon dioxide

SENSITIVITY OF EXPLOSION BY MECHANICAL CONTACT

- NDA

SENSITIVITY OF EXPLOSION BY STATIC DISCHARGE

- NDA

SECTION 6: ACCIDENTAL RELEASE MEASURES

For Assistance With Accidental Releases Contact Hazard Information Services™
At 1-800-228-5635 Ext-218 Or (612) 221-3999 Ext-218, 24 Hours-A-Day

GENERAL

- For single unit, absorb liquid with suitable material, and place in a container for disposal.
- For multiple items, do not attempt to clean up chemical spills without appropriate personal protective equipment (see section 8)
- Collect spilled product and transfer to sealable container for disposal.
- Keep waste out of sewers, watersheds, and waterways
- See section 13 for information on the disposal of recovered material

REPORTABLE QUANTITY (RQ)

- None

SECTION 7: HANDLING AND STORAGE

Storage Temperature:

• Ambient

Storage Pressure:

• Atmospheric

GENERAL

- Use with adequate ventilation
- Store away from incompatible materials (see section 10)
- Use with proper personal protective equipment (see section 8)
- Keep containers tightly closed at all times
- Empty containers may retain hazardous properties, follow all MSDS/label warnings even after container is emptied
- Do not reuse empty container for food, clothing, or products for human or animal consumption
- Keep this and all chemicals out of reach of children

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

- None

PERSONAL PROTECTION

FOR PROLONGED OR REPEATED USE IN A WORKPLACE SETTING

RESPIRATOR

- Use of respiratory protection is not required

EYE PROTECTION

- Use of safety glasses is required

PROTECTIVE CLOTHING

- Use of protective gloves is required

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

FOR CLEANING UP SPILLS INVOLVING MULTIPLE UNITS

RESPIRATOR

- If ventilation is adequate, no respiratory protection is necessary
- If respiratory protection is necessary, seek professional advice prior to respirator selection and use
- Follow OSHA respirator regulations (29 CFR §1910.134)
- If there is a potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection, use a positive pressure air supplied respirator

EYE PROTECTION

- Safety goggles must be worn

PROTECTIVE CLOTHING

- Protective gloves must be worn

SAFETY EQUIPMENT

- None

GENERAL

- Use good personal and industrial hygiene practices
- Wash thoroughly after using product
- Keep product off of clothing and equipment
- Launder contaminated clothing before re-use
- Do not eat, drink, or smoke in any work area
- It is always good industrial hygiene practice to limit to the extent feasible, skin and eye contact and inhalation of chemical products

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------------------|---------------|---|-------------------|
| Physical State: | Mobile liquid | Appearance: | Colorless, turbid |
| Odor: | Odorless | Vapor Pressure: | 17 mm Hg @ 20° C |
| Vapor Density (air = 1): | <1 (water) | Evaporation rate (n-butyl acetate = 1): | >1 (water) |
| Percent Non-Volatile (by volume): | 10.07% | Percent Non-Volatile (by weight): | 14.44% |
| Percent VOC (by weight): | 0.075 | Freezing Point: | NA |
| Melting Point: | NA | Boiling Point: | 212° F (100° C) |
| Viscosity: | 105 ± 10 cps | Specific Gravity: | 1.02 |
| Bulk Density: | 8.47 lbs/gal | Solubility in Water: | Complete |
| pH: | 13.39 ± 0.2 | | |

SECTION 10: STABILITY AND REACTIVITY

GENERAL

- This product will not polymerize

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID

- Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

- Carbon monoxide
- Carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

This section provides relevant information with regard to any toxicity studies performed on the product, or the "pure" form of the component(s). This information can be subject to misinterpretation. Therefore, it is essential that the following information be interpreted by individuals trained in its evaluation. For assistance with interpreting this information, contact **HAZARD INFORMATION SERVICES**™ at 1-800-228-5635 Ext 218 or (612) 221-3999 Ext 218, 24 hours-a-day.

PRODUCT BASED

- Testing of an almost identical product shows that it is corrosive to both the eyes and skin (PII>5.75).

SECTION 11: TOXICOLOGICAL INFORMATION (Continued)

INGREDIENT BASED

- Sodium metasilicate (CAS# 6834-92-0) is a white, odorless powder which is completely soluble in water. Skin and eye contact with sodium metasilicate is corrosive (causes chemical burns) to the skin and eyes. Inhalation of large amounts of sodium metasilicate mist is expected to be corrosive to the upper respiratory tract. Ingestion of large amounts of sodium metasilicate is harmful causing corrosive burns to the mouth, throat and intestinal tract. There are no data available indicating that sodium metasilicate is either carcinogenic or a developmental or reproductive toxicant.

SECTION 12: ECOLOGICAL INFORMATION

NDA

SECTION 13: DISPOSAL INFORMATION

GENERAL

- Consult a local expert for advice on the disposal of this material
- Characteristics of recovered material may differ from those of original material
- Ensure that disposal is in compliance with local, state, and federal regulations

SECTION 14: TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Disodium Trioxosilicate, Pentahydrate Solution, 8, UN1760, II

IATA/IMO PROPER SHIPPING NAME: Disodium Trioxosilicate, Pentahydrate Solution, 8, UN1760, II

SECTION 15: REGULATORY INFORMATION

Chemical Inventories

- All components of this product are included on the TSCA inventory list, the DSL/NDSL, and the EINECS

Reportable Quantity (RQ)

- None

SARA TITLE III (Superfund Amendments and Reauthorization Act)

§302 Extremely Hazardous Materials

- None

§304 Notification Of Accidental Release

- None

§311/312 Hazard Categories

| | |
|------------------------------------|-----|
| Immediate (Acute) Health Effects: | YES |
| Delayed (Chronic) Health Effects: | NO |
| Fire Hazard: | NO |
| Sudden Release of Pressure Hazard: | NO |
| Reactivity Hazard: | NO |

§313 Toxic Chemical Release Reporting

- None

STATE REGULATORY INFORMATION:

- Since each state has the authority to promulgate standards more stringent than the federal government, this section cannot provide an inclusive list of all state regulations which apply to this product. Questions related to state regulations should be directed toward local officials.

SECTION 16: OTHER INFORMATION

ABBREVIATIONS

| | | | |
|--------------|---|-------------|--|
| ACGIH | American Conference of Governmental Industrial Hygienists | NTP | National Toxicology Program |
| AIHA | American Industrial Hygiene Association | OSHA | Occupational Safety and Health Administration |
| CAS# | Chemical Abstracts Service Number | PEL | Permissible Exposure Limit |
| DOT | Department Of Transportation | RTECS | Registry of Toxic Effects of Chemical Substances |
| DSL | Domestic Substance List | STEL | Short Term Exposure Limit |
| EINECS | European Inventory of Existing Chemical Substances | TD | Total Dust |
| IARC | International Agency for Research on Cancer | TERIS | Teratogen Information System |
| IATA | International Air Transport Association | TLV | Threshold Limit Value |
| IMO | International Maritime Organization | TSCA | Toxic Substances Control Act |
| LEL | Lower Explosion Limit | TWA | Time-Weighted Average |
| MSDS | Material Safety Data Sheet | UEL | Upper Explosion Limit |
| NDSL | Non-Domestic Substance List | WEEL | Workplace Environmental Exposure Level |

REVISION SUMMARY

| | |
|----------------------|--|
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| REASON(S) FOR ISSUE: | Revised MSDS |
| PREPARED BY: | Joele Richardson, RPh, CSPI Associate Toxicologist Toxicology and Industrial Hygiene Group |
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